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CLAIMS

[Claim(s)]

[Claim 1](a) In a photopolymerization nature constituent for light filters containing binder resin, a compound which has at least one (b) ethylenic unsaturated double bond, (c) photopolymerization initiator system, a charge of (d) color material, and the (e) solvent, A photopolymerization nature constituent for light filters characterized by a thing for which this photopolymerization initiator system is chosen from (I) polyfunctional thiol compounds and a (II) biimidazole compound, a titanocene compound, a triazine compound, and an oxadiazole compound, and which contain a kind at least.

[Claim 2]The photopolymerization nature constituent for light filters according to claim 1 whose polyfunctional thiol compounds are aliphatic series polyfunctional thiol compounds.

[Claim 3]The photopolymerization nature constituent for light filters according to claim 1 or 2 in which a photopolymerization initiator system contains (III) amino group content sensitizing dye further.

[Claim 4]The photopolymerization nature constituent for light filters according to any one of claims 1 to 3, wherein binder resin is an organic high polymer substance which has an ethylenic unsaturated double bond in a side chain.

[Claim 5]The photopolymerization nature constituent for light filters according to any one of claims 1 to 4 which is a copolymer in which binder resin has an ethylenic unsaturated double bond, a carboxyl group, and hydroxyl.

[Claim 6]The photopolymerization nature constituent for light filters according to any one of claims 1 to 5 which is a styrene system copolymer or an acrylic copolymer in which binder resin has an ethylenic unsaturated double bond, a carboxyl group, and hydroxyl.

[Claim 7]A light filter which applies the constituent according to any one of claims 1 to 6 on a transparent substrate, and is obtained ultraviolet rays or by carrying out far ultraviolet ray lithography.

[Translation done.]